

I claim:

1. An attachment device for increasing the firing rate of a semi-automatic firearm having a pullable trigger beneath a mounting plate, and a moveable hammer, a pivotal safety sear with an upper hammer engage notch, and a trigger sear with an upper hammer engage notch above the mounting plate, comprising:
  - 5 a separator member for being positioned between a portion of the safety sear and a portion of the mounting plate for causing the hammer engage notch of the safety sear to pivot away from the hammer engage notch of the trigger sear; and
  - 10 a clip being fixably attached to the separator member for being attached to the trigger, so that pulling and releasing the trigger increases the firing rate of the semi-automatic firearm.
2. The attachment device of claim 1, wherein the separate member and the clip are formed from a single piece of metal.
  - 15 3. The attachment device of claim 1, wherein the clip includes:
    - 3 a back portion having a concave shape to abut against a concave side of the trigger.
  - 20 4. The attachment device of claim 1, wherein the clip includes:
    - 4 tabs for being bent about the trigger.
  5. The attachment device of claim 3, wherein the tabs include:
    - 5 two tabs, each tab on opposite sides of the trigger.
  - 25 6. The attachment device of claim 3, wherein the tabs include:
    - 6

two left tabs bent about a left side of the trigger; and  
two right tabs bent about a right side of the trigger.

7. A method of causing a semi-automatic firearm to a double fire mode during a  
5 single firing sequence, the firearm having a pullable trigger beneath a mounting plate, and  
a moveable hammer, a pivotal safety sear with an upper hammer engage notch, and a  
trigger sear with an upper hammer engage notch above the mounting plate, comprising  
the steps of:

increasing space between the upper hammer engage notch of the safety sear and  
10 the upper hammer engage notch of the trigger sear; and  
pulling the trigger; and  
causing a double firing from the fire arm during the pulling and subsequent  
releasing of the trigger.

15 8. The method of claim 7, further comprising the step of:  
clamping a mount about the trigger of the firearm to increase the space between  
the upper hammer engage notch of the safety sear and the upper hammer engage notch of  
the trigger sear.

20 9. The method of claim 8, wherein the clamping step includes the step of:  
bending tabs on a clip about the trigger.

10. The method of claim 8, wherein the increasing space step includes the step of:  
pivoting the safety sear so that the upper hammer engage notch of the safety sear  
25 moves away from the upper hammer engage notch of the trigger sear.

11. The method of claim 8, wherein the increasing space step includes the step of:

positioning a separator member between the mounting plate and a bottom portion of the pivotable safety sear.

12. The method of claim 8, further comprising the step of:
  - 5 providing a single component for both the clamping and increasing steps.
13. The method of claim 7, further comprising the step of:
  - providing the safety sear with a downwardly protruding foot member to increase the space between the upper hammer engage notch of the safety sear and the upper hammer engage notch of the trigger sear.
14. The method of claim 13, wherein the providing step includes the step of:
  - pre-shaping the safety sear with the downwardly protruding foot member.
15. An improved pivotal safety sear device for increasing the firing rate of a semi-automatic firearm to a double fire mode, where the firearm has a pullable trigger beneath a mounting plate, and a moveable hammer, the pivotal safety sear device having an upper hammer engage notch, and a trigger sear with an upper hammer engage notch above the mounting plate, the pivotal safety sear device comprising:
  - 20 an enlarged foot member for being positioned between a bottom portion of the pivotable safety sear device to one side of a pivot point and a portion of the mounting plate for causing the hammer engage notch of the safety sear device to pivot away from the hammer engage notch of the trigger sear, so that a single sequence of pulling and releasing the trigger causes the semi-automatic firearm to fire twice during the single pulling and releasing sequence.

16. The improved pivotal safety sear device of claim 15, wherein the enlarged foot member includes:
  - a downwardly protruding foot member portion to increase the space between the upper hammer engage notch of the safety sear device and the upper hammer engage notch of the trigger sear.
17. The improved pivotal safety sear device of claim 16, wherein the downwardly protruding foot member portion is a pre-shaped part of the safety sear device.
- 10 18. The improved pivotal safety sear device of claim 15, further comprising:
  - a clip being fixably attached to the pullable trigger, the clip having a portion which forms the enlarged foot member that is positioned between the bottom portion of the pivotable safety sear device and the portion of the mounting plate.
- 15 19. The improved pivotal safety sear device of claim 18, the clip having at least two opposing tabs for attaching the clip to the trigger.